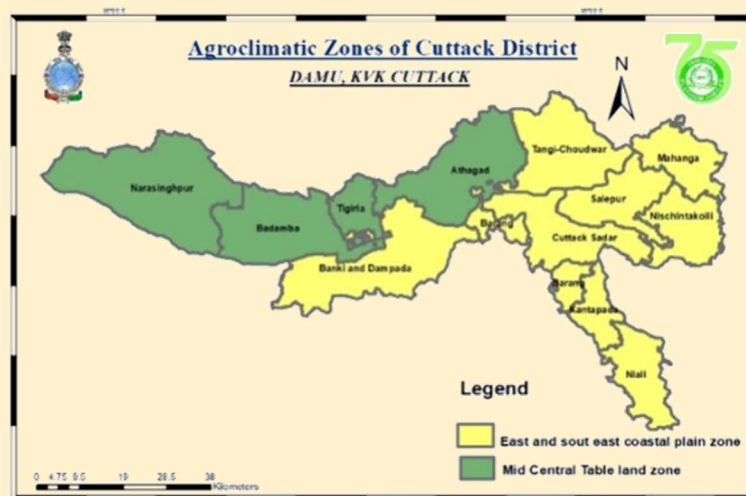




Cuttack District Block Wise Agro-met Advisory Service Bulletin

Tuesday 29th July, 2022
(For the period 29th July to 02nd August, 2022)



Issued by
District Agromet Unit,
KrishiVigyan Kendra Cuttack





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Bulletin No.-317
Date- 26/07/2022

STANDARD PRECIPITATION INDEX AND NDVI MAP

Standard Precipitation Index (SPI)	Normalized difference vegetation Index (NDVI)
	<p>Agriculture vigour could not be captured due to cloud covers as well as kharif sowings are under progress.</p>
<p>As per SPI value (cumulative 4weeks -30 June 2022 – 27 July2022), mildly wet condition was there in Cuttack district.</p>	<p>According to NDVI map (16.07.2022 to 22.07.2022) the agriculture vigor was very light to light over most places of Cuttack district and light to moderate over isolated places of Badamba, Narasinghpur only.</p>

LEGEND (Medium range block level rainfall forecast)		
	No Rainfall	00 mm
	Very light rainfall	01-05 mm
	Light rainfall	06-10 mm
	Light to moderate rainfall	11-30 mm
	Moderate to heavy rainfall	31-65 mm
	Heavy to very heavy rainfall	66-115 mm
	Extremely heavy rainfall	>116 mm

Dr Sujata Sethy
 (Nodal officer)



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Debasish Jena
SMS (Agrometeorology)
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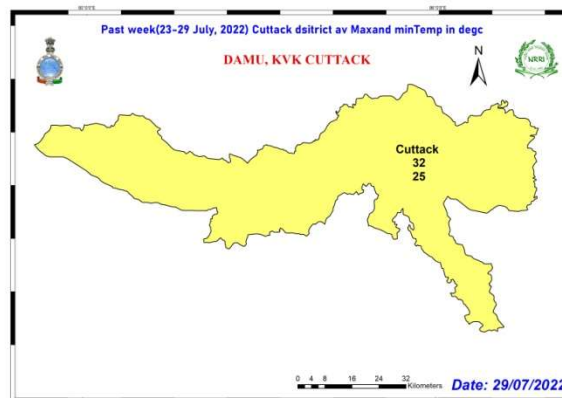
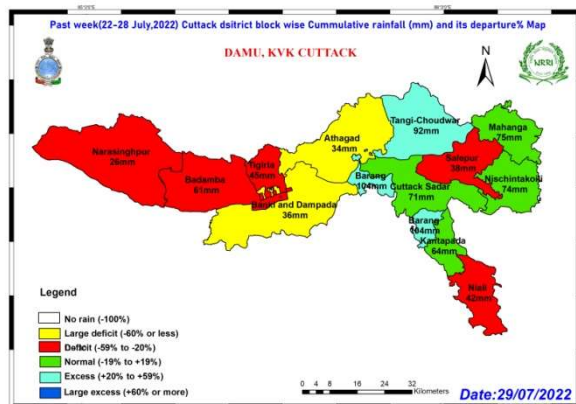


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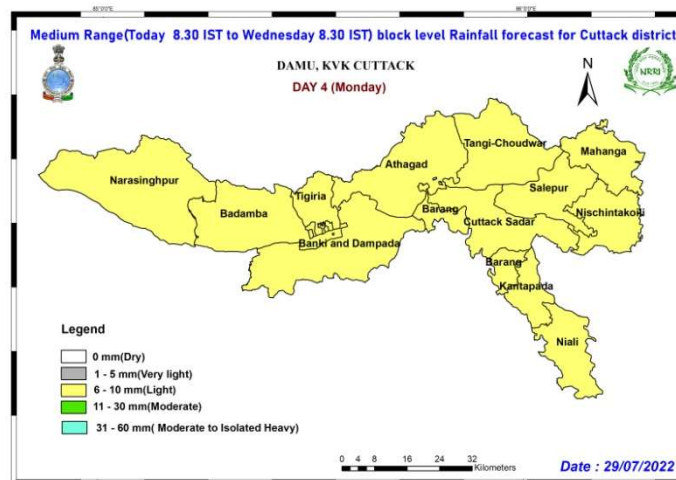
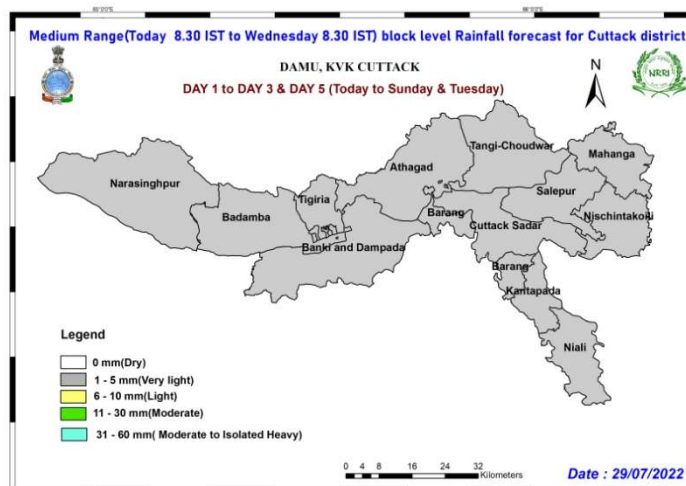


Bulletin No.-317
Date- 26/07/2022

Past week (22-28 July, 2022) cumulative rainfall departure% from normal and (23-29 July) average maximum and minimum temperature for Cuttack district



Medium range (Today (8.30IST) to Wednesday (8.30IST)) Rainfall (mm) forecast for Cuttack district



Dr Sujata Sethy
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Bulletin No.-317
Date- 26/07/2022

Met Sub division	Extended range outlook for subsequent 1 week (6 th to 12 th days) (31 July-07 August 2022)		
Odisha	<i>Parameter</i>	<i>Departure (%)</i>	<i>Category</i>
	Rainfall	-25.00	Below Normal
	<i>Parameter</i>	<i>Anomaly</i>	<i>Category</i>
	Maximum temperature	1.55	Above Normal
	Minimum temperature	0.46	Normal

General Agromet Advisory:- There will be below normal rainfall and above normal max. temperature is forecasted in subsequent week after 5 days in Odisha condition, so farmers are advised to complete transplanting and beushaning activities in this week by utilizing the past rain water.

Updated Long range forecast for the 2021 South-west Monsoon seasonal rainfall and Monthly Rainfall Forecast for July 2022

- Southwest monsoon seasonal (June to September) rainfall over the country as a whole is most likely to be normal (96 to 104 % of Long Period Average (LPA)).
- Quantitatively, the monsoon seasonal (June to September) rainfall over the country as a whole is likely to be 103% of the Long Period Average (LPA) with a model error of $\pm 4\%$. The LPA of the seasonal rainfall over the country as a whole based on data of 1971-2020 is 87 cm.
- As per probabilistic forecast of rainfall, there will be below normal rainfall during Monsoon season and below normal rainfall during July month in Odisha condition.
- Hence Farmers should prepare the crop plan depending upon the land type, soil fertility and Variety availability, irrigation facility.
- Farmers may prefer short to medium duration rice variety for this kharif season and may avoid upland rice cultivation.

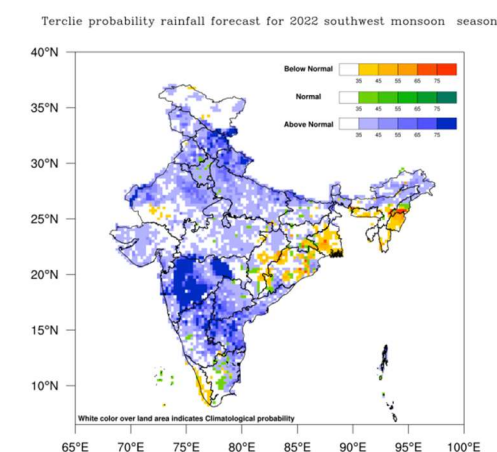


Fig.1. Updated Probability forecast of tercile categories* (below normal, normal, and above normal) of rainfall over India during monsoon season (June -September), 2022. The figure illustrates the most likely categories as well as their probabilities. The white shaded areas within the land area represent climatological probabilities.

*Tercile categories have equal climatological probabilities of 33.33% each.

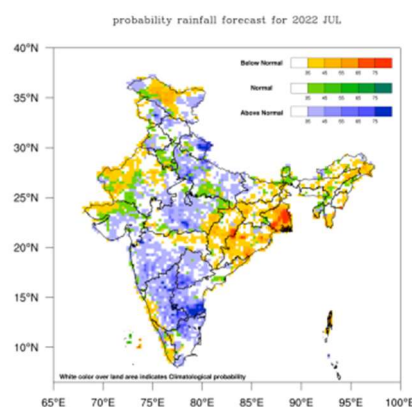


Fig.1. Probability forecast of tercile categories* (below normal, normal and above normal) for the rainfall over India during July 2022. The figure illustrates the most likely categories as well as their probabilities. The white shaded areas within the land area represent climatological probabilities. The probabilities were derived using the MME forecast prepared from a group of coupled climate models. (Tercile categories have equal climatological probabilities of 33.33% each).

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-317
Date- 26/07/2022

Weather (Past and Forecasted) based Disease and pest in Major Crops and vegetables

Sl No	Crop	Stage and condition of the crop	Anticipated Disease and pest	
1	Rice	Nursery stage		Thrips
2	Sugarcane	Vegetative to Tillering		Weeds
3	Maize	5 week stage		Stem fly
				Leaf blight
3	Jute	30-50days		Stem rot
				Indigo caterpillar
4	Brinjal, tomato, chilli	seedling		Seedling rot
				Stem rot
5	Tomato and brinjal	Fruting		Bacterial wilt
6	chilli	fruting		thrips

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				Leaf curl
7	okra	Fruting		Fruit and shoot borer
				White fly
				Jassid
8	Banana			Sigatoka
9	Papaya			Yellow mosaic virus

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Bulletin No.-317
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR ATHAGAD

District Past week average weather condition and Block past week average Rainfall condition

The block received average 5mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 03rd August (8.30IST)2022

Weather advisory: *Very light to light rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 34-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-90% and 46-54% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Athagad (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2022	30/07/2022	31/07/2022	01/08/2022	02/08/2022
Rainfall (mm)	2	1	5	7	5
T-Max (°C)	34	34	35	34	33
T-Min (°C)	26	27	27	27	26
Cloud Cover (octa)	5	8	8	8	8
RH Max (%)	81	81	81	80	90
RH Min (%)	46	47	47	48	54
Wind Speed (kmph)	10	12	12	9	13
Wind Direction (deg)	203	204	204	204	201

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. They should go for manual and chemical weeding in between upcoming 2 days.

Kharifrice:(DIRECT SEEDED RICE):

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

TRANSPLANTED RICE:

1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds.

Maize:

Stem fly in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @1 ml/lit or Dimethoate @ 2ml/lit or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

ARHAR: In arhar crop, for early variety apply 35 kg DAP, 4 kg Urea and 14 kg MOP as basal fertilizer per acre and for late variety apply 52 kg DAP, 6 kg Urea and 14 kg MOP as basal fertilizer per acre in dry days.

VEGETABLES:

June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. **To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.**
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. The present weather conditions are favourable for Upward and downward leafcurl in chilli. To control spray phosalon (Zolone) 3 ml. or diphenthiuron @ 1g./L of water.
- To control **fruit and shoot borer** in okra, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of white fly and jassid. To control this apply Thiomethoxam @0.4g/ litre of water.

Fruits: Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-317
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR BADAMBA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 9mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 03rd August (8.30IST)2022

Weather advisory: *Very light to light rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 33-35°C and night temperature will be 25-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-89% and 47-54% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Badamba (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2022	30/07/2022	31/07/2022	01/08/2022	02/08/2022
Rainfall(mm)	4	2	5	8	5
T-Max(°C)	35	34	34	34	33
T-Min(°C)	26	26	27	27	25
Cloud Cover(octa)	5	8	8	8	8
RH Max (%)	82	82	80	80	89
RH Min (%)	47	50	49	50	54
Wind Speed (Kmph)	9	10	11	7	11
Wind Direction (deg)	203	207	207	207	198

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. They should go for manual and chemical weeding in between upcoming 2 days.

Kharifrice:(DIRECT SEEDED RICE):

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

TRANSPLANTED RICE:

1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds.

Maize:

Stem fly in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @1 ml/lit or Dimethoate @ 2ml/lit or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

ARHAR: In arhar crop, for early variety apply 35 kg DAP, 4 kg Urea and 14 kg MOP as basal fertilizer per acre and for late variety apply 52 kg DAP, 6 kg Urea and 14 kg MOP as basal fertilizer per acre in dry days.

VEGETABLES:

June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. **To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.**
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. The present weather conditions are favourable for Upward and downward leafcurl in chilli. To control spray phosalon (Zolone) 3 ml. or diphenhiuron @ 1g./L of water.
- To control **fruit and shoot borer** in okra, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of white fly and jassid. To control this apply Thiomethoxam @0.4g/ litre of water.

Fruits:

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-317
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR BANKI

District Past week average weather condition

The district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 03rd August (8.30IST)2022

Weather advisory:: *Very light to light rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 34-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-88% and 46-51% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Banki (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2022	30/07/2022	31/07/2022	01/08/2022	02/08/2022
Rainfall(mm)	3	1	5	9	5
T-Max(°C)	34	34	34	35	34
T-Min(°C)	26	27	27	27	26
Cloud Cover(octa)	5	8	8	8	8
RH Max (%)	80	80	80	79	88
RH Min (%)	46	47	46	47	51
Wind Speed (Kmph)	11	12	13	10	13
Wind Direction (deg)	203	204	204	204	201

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. They should go for manual and chemical weeding in between upcoming 2 days.

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TRANSPLANTED RICE:

1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds.

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ARHAR: In arhar crop, for early variety apply 35 kg DAP, 4 kg Urea and 14 kg MOP as basal fertilizer per acre and for late variety apply 52 kg DAP, 6 kg Urea and 14 kg MOP as basal fertilizer per acre in dry days.

VEGETABLES:

June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
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- To control **fruit and shoot borer** in okra, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of white fly and jassid. To control this apply Thiomethoxam @0.4g/ litre of water.

Fruits:

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-317
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR BANKI-DAMPARA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 5mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 03rd August (8.30IST)2022

Weather Advisory: Very light to light rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 34-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-88% and 46-52% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Banki-Dampara (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2022	30/07/2022	31/07/2022	01/08/2022	02/08/2022
Rainfall(mm)	3	1	5	9	5
T-Max(°C)	34	34	34	35	34
T-Min(°C)	26	27	27	27	26
Cloud Cover(octa)	5	8	8	8	8
RH Max (%)	80	80	80	79	88
RH Min (%)	46	47	46	47	52
Wind Speed (Kmph)	11	12	14	10	13
Wind Direction (deg)	203	204	204	204	201

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. They should go for manual and chemical weeding in between upcoming 2 days.

Kharifrice:(DIRECT SEEDED RICE):

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

TRANSPLANTED RICE: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. Prevailing high temperature condition may lead to infestation of **rice thrips** in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.

Maize:Stem fly in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @1 ml/lit or Dimethoate @ 2ml/lit or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

ARHAR: In arhar crop, for early variety apply 35 kg DAP, 4 kg Urea and 14 kg MOP as basal fertilizer per acre and for late variety apply 52 kg DAP, 6 kg Urea and 14 kg MOP as basal fertilizer per acre in dry days.

VEGETABLES:

June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. The present weather conditions are favourable for Upward and downward leafcurl in chilli. To control spray phosalon (Zolone) 3 ml. or diphenhiuron @ 1g./L of water.
- To control **fruit and shoot borer** in okra, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of white fly and jassid. To control this apply Thiomethoxam@0.4g/ litre of water.

Fruits: Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-317
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR BARANGA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 15mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 03rd August (8.30IST)2022

Weatheradvisory: Very light to light rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 34-35°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 78-87% and 44-51% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Baranga(VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2022	30/07/2022	31/07/2022	01/08/2022	02/08/2022
Rainfall(mm)	2	1	3	6	5
T-Max(°C)	34	35	35	35	34
T-Min(°C)	27	27	28	27	27
Cloud Cover	5	8	8	8	8
RH Max (%)	78	78	78	80	87
RH Min (%)	45	45	44	45	51
Wind Speed (Kmph)	14	16	16	13	15
Wind Direction (deg)	203	204	203	203	201

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. **They should go for manual and chemical weeding in between upcoming 2 days.**

Kharifrice:(DIRECT SEEDED RICE):

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

TRANSPLANTED RICE: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. **Prevailing high temperaure condition may led to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.**

Maize: Stem fly in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @1 ml/lit or Dimethoate @ 2ml/lit or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurance of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

ARHAR : In arhar crop, for early variety apply 35 kg DAP, 4 kg Urea and 14 kg MOP as basal fertilizer per acre and for late variety apply 52 kg DAP, 6 kg Urea and 14 kg MOP as basal fertilizer per acre in dry days.

VEGETABLES:

June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pets** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. **To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.**
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. The present weather conditions are favourable for Upward and downward leafcurl in chilli. To control spray phosalon (Zolone) 3 ml. or diphenhiuron @ 1g./L of water.
- To control **fruit and shoot borer** in okra, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of white fly and jassid. To control this apply Thiomethoxam@0.4g/ litre of water.

Fruits: Spray mancozeb 2g/litre, to control sigatoka leaf spot in banana. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-317
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR CUTTACK SADAR

District Past week average weather condition and Block past week average Rainfall condition

The block received average 10mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 03rd August (8.30IST)2022

Weather advisory: *Very light to light rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 34-35°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-89% and 45-53% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Cuttack sadar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2022	30/07/2022	31/07/2022	01/08/2022	02/08/2022
Rainfall(mm)	2	1	3	6	5
T-Max(°C)	34	34	35	34	34
T-Min(°C)	27	27	28	27	27
Cloud Cover(octa)	5	8	8	8	8
RH Max (%)	79	80	80	81	89
RH Min (%)	45	45	45	46	53
Wind Speed (Kmph)	12	14	14	11	13
Wind Direction (deg)	203	204	204	204	201

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. They should go for manual and chemical weeding in between upcoming 2 days.

Kharifrice:(DIRECT SEEDED RICE):

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

TRANSPLANTED RICE: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. **Prevailing high temperature condition may led to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.**

Suagrcane: As maximum sugarcane is seedling to tillering stage then go for irrigation in 7-12 days interval based upon forecast of rain. Weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant. To control dicot weeds farmers may go for spraying of pre emergence herbicide atrazine @0.8-2kg/acre of moist field.

ARHAR: In arhar crop, for early variety apply 35 kg DAP, 4 kg Urea and 14 kg MOP as basal fertilizer per acre and for late variety apply 52 kg DAP, 6 kg Urea and 14 kg MOP as basal fertilizer per acre in dry days.

VEGETABLES:

June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. **To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.**
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. The present weather conditions are favourable for Upward and downward leafcurl in chilli. To control spray phosalon (Zolone) 3 ml. or diphenhiuron @ 1g./L of water.
- To control **fruit and shoot borer** in okra, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of white fly and jassid. To control this apply Thiomethoxam@0.4g/ litre of water.

Fruits: Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-317
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR KANTAPADA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 9mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 03rd August (8.30IST)2022

Weather advisory: *Very light to light rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 34-35°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-86% and 45-50% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Kantapada (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2022	30/07/2022	31/07/2022	01/08/2022	02/08/2022
Rainfall(mm)	3	1	3	6	5
T-Max(°C)	34	35	35	35	34
T-Min(°C)	27	28	28	27	27
Cloud Cover(octa)	5	8	7	8	8
RH Max (%)	77	78	78	80	86
RH Min (%)	45	46	45	46	50
Wind Speed (Kmph)	15	18	18	15	16
Wind Direction (deg)	203	204	203	203	203

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. **They should go for manual and chemical weeding in between upcoming 2 days.**

Kharifrice:(DIRECT SEEDED RICE):

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

TRANSPLANTED RICE: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. **Prevailing high temperature condition may led to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.**

Suagrcane:

As maximum sugarcane is seedling to tillering stage then go for irrigation in 7-12 days interval based upon forecast of rain. Weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant. To control dicot weeds farmers may go for spraying of pre emergence herbicide atrazine @0.8-2kg/acre of moist field.

ARHAR : In arhar crop, for early variety apply 35 kg DAP, 4 kg Urea and 14 kg MOP as basal fertilizer per acre and for late variety apply 52 kg DAP, 6 kg Urea and 14 kg MOP as basal fertilizer per acre in dry days.

VEGETABLES:

June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. **To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.**
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. The present weather conditions are favourable for Upward and downward leafcurl in chilli. To control spray phosalon (Zolone) 3 ml. or diphenithiuron @ 1g./L of water.
- To control **fruit and shoot borer** in okra, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of white fly and jassid. To control this apply Thiomethoxam@0.4g/ litre of water.

Fruits: Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-317
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR MAHANGA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 11mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 03rd August (8.30IST)2022

Weather advisory: *Very light to light rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be and it will be 33-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-89% and 45-54% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Mahanga (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2022	30/07/2022	31/07/2022	01/08/2022	02/08/2022
Rainfall(mm)	2	1	5	7	5
T-Max(°C)	34	35	35	34	33
T-Min(°C)	27	27	27	27	26
Cloud Cover(octal)	5	8	8	8	8
RH Max (%)	79	79	80	83	89
RH Min (%)	45	45	45	47	54
Wind Speed (Kmph)	14	16	16	14	14
Wind Direction (deg)	203	204	204	203	201

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. They should go for manual and chemical weeding in between upcoming 2 days.

Kharifrice:(DIRECT SEEDED RICE):

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

TRANSPLANTED RICE: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. **Prevailing high temperature condition may led to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.**

Suagrcane: As maximum sugarcane is seedling to tillering stage then go for irrigation in 7-12 days interval based upon forecast of rain. Weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant. To control dicot weeds farmers may go for spraying of pre emergence herbicide atrazine @0.8-2kg/acre of moist field.

Jute: Recent rain has aggravated **weed problem** in early sown crop. To control grass weeds, apply Quizalofop-pethyl@2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control **stem rot of jute**, spray copper oxychloride @ 3-4 gram/litre of water. To control **indigo caterpillar** apply Spinosad (45% S.C) 0.3 ml/litre of water or Emamectin benzoate (5% SC) 0.5 gram per litre of water.

VEGETABLES:

June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. **To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.**
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. The present weather conditions are favourable for Upward and downward leafcurl in chilli. To control spray phosalon (Zolone) 3 ml. or diphenhiuron @ 1g./L of water.
- To control **fruit and shoot borer** in okra, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of white fly and jassid. To control this apply Thiomethoxam@0.4g/ litre of water.

Fruits: Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-317
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR NARASINGHPUR

District Past week average weather condition and Block past week average Rainfall condition

The block received average 4mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 03rd August (8.30IST)2022

Weather advisory: *Very light to light rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 34-36°C and night temperature will be 25-26°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-89% and 46-54% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Narasinghpur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2022	30/07/2022	31/07/2022	01/08/2022	02/08/2022
Rainfall(mm)	4	3	4	8	5
T-Max(°C)	36	34	34	34	34
T-Min(°C)	26	26	26	26	25
Cloud Cover(octa)	5	7	8	8	8
RH Max (%)	84	83	82	80	89
RH Min (%)	46	51	51	50	54
Wind Speed (Kmph)	5	7	7	5	6
Wind Direction (deg)	198	234	225	238	167

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. They should go for manual and chemical weeding in between upcoming 2 days.

Kharifrice:(DIRECT SEEDED RICE):

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

TRANSPLANTED RICE: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. **Prevailing high temperature condition may led to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.**

Maize: Stem fly in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @1 ml/lit or Dimethoate @ 2ml/lit or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of leaf blight in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

ARHAR: In arhar crop, for early variety apply 35 kg DAP, 4 kg Urea and 14 kg MOP as basal fertilizer per acre and for late variety apply 52 kg DAP, 6 kg Urea and 14 kg MOP as basal fertilizer per acre in dry days.

VEGETABLES:

June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. **To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.**
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. The present weather conditions are favourable for Upward and downward leafcurl in chilli. To control spray phosalon (Zolone) 3 ml. or diphenhiuron @ 1g./L of water.
- To control **fruit and shoot borer** in okra, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of white fly and jassid. To control this apply Thiomethoxam@0.4g/ litre of water.

Fruits:

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

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Bulletin No.-317
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR NIALI

District Past week average weather condition and Block past week average Rainfall condition

The block received average 6mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 03rd August (8.30IST)2022

Weather advisory: *Very light to light rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 34-35°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-85% and 48-52% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Niali (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2022	30/07/2022	31/07/2022	01/08/2022	02/08/2022
Rainfall(mm)	2	1	3	6	5
T-Max(°C)	35	35	35	35	34
T-Min(°C)	27	27	28	27	27
Cloud Cover(octa)	5	7	7	8	8
RH Max (%)	77	79	79	80	85
RH Min (%)	46	48	48	48	52
Wind Speed(Kmph)	16	19	20	17	17
Wind Direction(deg)	203	203	203	203	203

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. They should go for manual and chemical weeding in between upcoming 2 days.

Kharifrice:(DIRECT SEEDED RICE):

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

TRANSPLANTED RICE: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. **Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiometoxam@0.4g/ litre of water.**

Suagrcane:

As maximum sugarcane is seedling to tillering stage then go for irrigation in 7-12 days interval based upon forecast of rain. Weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant. To control dicot weeds farmers may go for spraying of pre emergence herbicide atrazine @0.8-2kg/acre of moist field.

ARHAR: In arhar crop, for early variety apply 35 kg DAP, 4 kg Urea and 14 kg MOP as basal fertilizer per acre and for late variety apply 52 kg DAP, 6 kg Urea and 14 kg MOP as basal fertilizer per acre in dry days.

VEGETABLES:

June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiometoxam 0.2 g. per litre of water. **To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.**
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. The present weather conditions are favourable for Upward and downward leafcurl in chilli. To control spray phosalon (Zolone) 3 ml. or diphenhiuron @ 1g./L of water.
- To control **fruit and shoot borer** in okra, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of white fly and jassid. To control this apply Thiometoxam@0.4g/ litre of water.

Fruits: Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

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Bulletin No.-317
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR NISCHINTAKOILI
District Past week average weather condition and Block past week average Rainfall condition

The block received average 11mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 03rd August (8.30IST)2022

Weatheradvisory: Very light to light rainfall/thundershower is forecasted for upcoming 5 days in the block. The day temperature will be 34-35°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-89% and 45-52% respectively. **There will be partly cloudy to overcast sky for next 5days.**

Block	Nischintakoili (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2022	30/07/2022	31/07/2022	01/08/2022	02/08/2022
Rainfall(mm)	2	1	3	6	5
T-Max(°C)	34	35	35	35	34
T-Min(°C)	27	27	28	27	27
Cloud Cover(octa)	5	8	8	8	8
RH Max (%)	79	79	79	83	89
RH Min (%)	45	45	45	46	52
Wind Speed (Kmph)	14	17	17	14	14
Wind Direction (deg)	203	204	203	203	201

Agromet Advisory

General advisory: Farmers should complete transplanting and beushanning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. They should go for manual and chemical weeding in between upcoming 2 days.

Kharifrice:(DIRECT SEEDED RICE):

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

TRANSPLANTED RICE: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. **Prevailing high temperature condition may led to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.**

Suagrcane: As maximum sugarcane is seedling to tillering stage then go for irrigation in 7-12 days interval based upon forecast of rain. Weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant. To control dicot weeds farmers may go for spraying of pre emergence herbicide atrazine @0.8-2kg/acre of moist field.

ARHAR: In arhar crop, for early variety apply 35 kg DAP, 4 kg Urea and 14 kg MOP as basal fertilizer per acre and for late variety apply 52 kg DAP, 6 kg Urea and 14 kg MOP as basal fertilizer per acre in dry days.

VEGETABLES:

June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. **To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.**
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. The present weather conditions are favourable for Upward and downward leafcurl in chilli. To control spray phosalon (Zolone) 3 ml. or diphenhiuron @ 1g./L of water.
- To control **fruit and shoot borer** in okra, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of white fly and jassid. To control this apply Thiomethoxam@0.4g/ litre of water.

Fruits: Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

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Bulletin No.-317
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR SALEPUR

District Past week average weather condition and Block past week average Rainfall condition

The block received average 5mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 03rd August (8.30IST)2022

Weather advisory: *Very light to light rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 34-35°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 79-89% and 45-53% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Salepur (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2022	30/07/2022	31/07/2022	01/08/2022	02/08/2022
Rainfall(mm)	2	1	3	7	5
T-Max(°C)	34	35	35	35	34
T-Min(°C)	27	27	28	27	27
Cloud Cover(octa)	5	8	8	8	8
RH Max (%)	79	79	79	83	89
RH Min (%)	45	45	45	46	53
Wind Speed (Kmph)	14	16	17	14	14
Wind Direction (deg)	203	204	204	203	201

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. They should go for manual and chemical weeding in between upcoming 2 days.

Kharifrice:(DIRECT SEEDED RICE):

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

TRANSPLANTED RICE: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. **Prevailing high temperature condition may led to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.**

Suagrcane: As maximum sugarcane is seedling to tillering stage then go for irrigation in 7-12 days interval based upon forecast of rain. Weeding and earthing up should be done in this time after that Top dressing of Urea @30 kg/acre for 30-60 days old sugarcane plant. To control dicot weeds farmers may go for spraying of pre emergence herbicide atrazine @0.8-2kg/acre of moist field. **Jute:** Recent rain has aggravated weed problem in early sown crop. To control grass weeds, apply Quizalofop-pethyl@2ml/litre of water at 2-3 leaf stage of weeds. After rain in vegetative stage to control **stem rot of jute**, spray copper oxychloride @ 3-4 gram/litre of water. To control **indigo caterpillar** apply Spinosad (45% S.C) 0.3 ml/litre of water or Emamectin benzoate (5% SC) 0.5 gram per liter of water.

VEGETABLES: June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. **To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.**
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. The present weather conditions are favourable for Upward and downward leafcurl in chilli. To control spray phosalon (Zolone) 3 ml. or diphenhiuron @ 1g./L of water.
- To control **fruit and shoot borer** in okra, Spray Bacillus thuringiensis 5% W.P @ 1.5 gram/lit of water. Present weather condition favours incidence of white fly and jassid. To control this apply Thiomethoxam@0.4g/ litre of water.

Fruits: Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre

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Bulletin No.-317
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR TANGI-CHOUDWAR

District Past week average weather condition and Block past week average Rainfall condition

The block received average 13mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 03rd August (8.30IST)2022

Weather advisory: *Very light to light rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 34-35°C and night temperature will be 27-28°C for upcoming 5 days. Maximum and minimum relative humidity will be 77-83% and 51-61% respectively. **There will be partly cloudy to overcast sky for next 5 days.**

Block	Tangi-Choudwar (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/07/2022	30/07/2022	31/07/2022	01/08/2022	02/08/2022
Rainfall(mm)	1	1	5	9	5
T-Max(°C)	35	35	36	35	34
T-Min(°C)	27	27	28	27	27
Cloud Cover(octa)	4	7	7	8	8
RH Max (%)	77	78	82	81	83
RH Min (%)	51	54	54	56	61
Wind Speed (Kmph)	19	22	23	20	19
Wind Direction (deg)	203	203	203	203	203

Agromet Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. **They should go for manual and chemical weeding in between upcoming 2 days.**

Kharifrice:(DIRECT SEEDED RICE):

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

TRANSPLANTED RICE: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. **Prevailing high temperature condition may led to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.**

Maize:

Stem fly in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @1 ml/lit or Dimethoate @ 2ml/lit or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

ARHAR: In arhar crop, for early variety apply 35 kg DAP, 4 kg Urea and 14 kg MOP as basal fertilizer per acre and for late variety apply 52 kg DAP, 6 kg Urea and 14 kg MOP as basal fertilizer per acre in dry days.

VEGETABLES: June-july is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds.

- Due to forecast of rain, Chances of **fruit rot** infestation in chilli and brinjal, if observe spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water. If necessary spray second and third round at 15 days interval.
- Brinjal, tomato and chilli seedlings should be planted in the main field. Whenever **sucking pests** incidence was observed spray 5 ml Neem oil or Thiamethoxam 0.2 g. per litre of water. **To prevent of soil borne diseases like seedling rot, stem rot and wilt diseases apply 3g of Copper oxychloride per litre of water around the main stem.**
- Incidence of **thrips** may observe in chilli, if observe spray Spinosad 45% SC @ 0.4 ml/litre of water or Imidacloprid 17.8% SL @ 0.3 ml/litre of water in clean and dry weather. The present weather conditions are favourable for Upward and downward leafcurl in chilli. To control spray phosalon (Zolone) 3 ml. or diphenhiuron @ 1g./L of water.
- To control **fruit and shoot borer** in okra, Spray Bacillus thuringiensis 5% W.P @1.5 gram/lit of water. Present weather condition favours incidence of white fly and jassid. To control this apply Thiomethoxam@0.4g/ litre of water.

Fruits:

Spray mancozeb 2g/litre, to control sigatoka leaf spot in **banana**. To control **papaya yellow mosaic virus**, spray Imidachloprid @ 0.5 ml / litre.

Dr Sujata Sethy
(Nodal officer)



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Bulletin No.-317
Date- 26/07/2022

AGROMET ADVISORY BULLETIN FOR TIGIRIA

District Past week average weather condition and Block past week average Rainfall condition

The block received average 6mm and district received average 8mm rainfall during the last week. The mean daily maximum and minimum temperature was 32°C and 25°C, respectively. Mean relative humidity was around 88-95%.

Forecasted period: Today(8.30IST) to 03rd August (8.30IST)2022

Weather advisory: *Very light to light rainfall/thundershower is forecasted for upcoming 5 days in the block.* The day temperature will be 34-35°C and night temperature will be 26-27°C for upcoming 5 days. Maximum and minimum relative humidity will be 80-90% and 47-54% respectively. There will be partly cloudy to overcast sky for next 5 days.

Block	Tigiria (VALID TILL 08:30 IST OF THE NEXT 5 DAYS)				
Date	29/0.7/2022	30/07/2022	31/07/2022	01/08/2022	02/08/2022
Rainfall(mm)	2	2	5	6	5
T-Max(°C)	34	34	34	35	33
T-Min(°C)	26	27	27	27	26
Cloud Cover(octa)	5	8	8	8	8
RH Max (%)	82	81	80	80	90
RH Min (%)	47	49	48	50	54
Wind Speed (Kmph)	9	11	12	8	12
Wind Direction (deg)	203	207	204	204	198

Agro met Advisory

General advisory: Farmers should complete transplanting and beushaning activities in between upcoming 5 days. They should carry out plant protection measures especially for rot, wilt and blight diseases in vegetables and blast, thrips in rice based upon nowcast warnings or forecast. They should go for manual and chemical weeding in between upcoming 2 days.

Kharifrice:(DIRECT SEEDED RICE):

Direct seeded rice are at three to four week stage. As light to moderate amount of rainfall is forecasted in the upcoming days, farmers should go for beushanning. Apply 35 kg urea/ac at beushanning followed by weeding and gap filling. Drain out the excess water at the time of fertilizer application and pond it after one day. If basal fertilizer not applied, apply 18 kg urea, 100kg ssp and 26 kg MOP while beushanning followed by top dressing of 35 kg urea after 7-10 days.

TRANSPLANTED RICE: 1. farmers should go for puddling and transplanting. The roots of seedlings are to be dipped in the 0.02% Chlorpyrifos solution for 3-4 hours before transplanting. 2. Transplant the seedling within 24 hours of its uprooting. 3. Keep ½ inch of water in the field for transplanting. 4. Due to forecasted rainfall ahead, the main field should be prepared for transplanting. 5. Transplant 2-3 seedlings per hill in straight manner for easy establishment of seedling. 6. Apply well decomposed FYM 2 ton, DAP 35kg and MOP 13kg per acre area for long and medium duration varieties before transplanting. 7. For short duration varieties apply 2ton FYM, 25kg DAP, with MOP 10kg per acre area for better result and soil health apply biofertilizer azospirillum and PSB 2kg each per acre. 8. Spray pretilachlor 600ml or pendimethalin 1300ml per acre with 200lit. of water at 2-5 days after transplanting to control weeds. **Prevailing high temperature condition may led to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiomethoxam@0.4g/ litre of water.**

Maize:

Stem fly in Maize infects the plants from sowing to 5 weeks after sowing, temperature between 25-30 deg. celsius and humidity above 60% favour pest incidence. In vegetative stage to control stem fly spray Methyl demeton @1 ml/lit or Dimethoate @ 2ml/lit or apply Carbofuran 3G granuals @ 14 kg/acre. High humid conditions, temperature between 18-27 Deg. Celsius favours the occurrence of **leaf blight** in Maize. To control spray Azoxystrobin + Mancozeb (Pluton) @ 300 g /ac.

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- Kindly install and use **“Meghdoot mobile App”** for Cuttack district weather forecast, warnings and weather based agromet advisory services.

<https://play.google.com/store/apps/details?id=com.aas.meghdoot>

- Kindly install and use **“Damini mobile App”** for location specific for lightening forecast and warnings.

<https://play.google.com/store/apps/details?id=com.lightening.live.damini>

- Follow the **block specific whats app groups** and join in your block wise groups for getting weather based agromet advisory services twice in a week (Tuesday and Friday) and other weather warning based farm management advisories.
- Follow the **Official Website links** to get the weather based agromet advisory service bulletins (**English & Odia**) twice in a week (Tuesday and Friday).

1	ICAR-NRRI, Cuttack, Odisha	https://icar-nrri.in/agromate/	
2	Agromet division, IMD, Pune	https://imdagrmet.gov.in/imdproject/AGIndex.php	

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